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08/270631

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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08/270,631 07/01/94 CONTAG

18N1/0723

DEHLINGER & ASSOCIATES  
PO BOX 60850  
PALO ALTO CA 94306

C	86000146
EXAMINER	

SHAVER, J

ART UNIT	PAPER NUMBER
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1802

DATE MAILED: 07/23/96

ent JS  
7/18/96

NOTICE OF ALLOWABILITY

PART I

- ☒ This communication is responsive to and B
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 1-3, 6, 8-12, 14-16 + 20-27 (now claims 1-20)
- ☐ The drawings filed on \_\_\_\_\_ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_
- ☒ Note the attached Examiner's Amendment
- ☐ Note the attached Examiner Interview Summary Record, PTOL-413
- ☒ Note the attached Examiner's Statement of Reasons for Allowance
- ☐ Note the attached NOTICE OF REFERENCES CITED, PTO-892
- ☒ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED
- ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 16 CORRECTION IS REQUIRED
  - ☐ The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED
  - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED
  - ☐ Formal drawings are now REQUIRED

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Examiner's Amendment                        | <input type="checkbox"/> Notice of Informal Application, PTO-152       |
| <input checked="" type="checkbox"/> Examiner Interview Summary Record, PTOL-413 | <input checked="" type="checkbox"/> Notice re Patent Drawings, PTO-948 |
| <input checked="" type="checkbox"/> Reasons for Allowance                       | <input type="checkbox"/> Listing of Bonded Draftsmen                   |
| <input checked="" type="checkbox"/> Notice of References Cited, PTO-892         | <input type="checkbox"/> Other   |
| <input checked="" type="checkbox"/> Information Disclosure Citation, PTO-1449   |  |

C/#15

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**Part III EXAMINER'S AMENDMENT**

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Albert P. Haluin on July 17, 1996.

Claims 4, 5, 7, 13, 17, 18 and 19 have been cancelled.

Claims 1-3, 6, 8-12, 14-16 and 20-27 are allowed and have been re-numbered in consecutive order.

2. The application has been amended as follows:

In claim 1, line 4 ~~delete "or transformed cell"~~, please add after "moiety" in line 4 ~~--or a transformed cell expressing the light-generating moiety--~~.  
C1

In claim 9, line 3, please replace the phrase "biocompatible entity" by ~~--entity under study--~~.  
C2

In claim 14, line 2, please replace the phrase "biocompatible entity" by ~~--entity under study--~~.  
C3

In claim 16, line 2, please replace the phrase "a biocompatible entity" by ~~--an entity under study--~~. In line 5 of claim 16, please add after "moiety" ~~--or a transformed cell expressing the light-generating moiety--~~.  
C5

3. The following is an Examiner's Statement of Reasons for Allowance:

Although the word "opaque" in a strict sense means impervious to the passage of light, as no other terminology or alternative language could be found which would convey the same inventive concept it remains in the claims, but its meaning

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should be interpreted as defined in the specification on page 12, lines 22-27.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Papers related to this application may be submitted to Group 1800 by facsimile transmission. Papers should be faxed to Group 1800 via the PTO Fax Center located in Crystal Mall 1. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). The Group 1802 Fax number is (703) 305-7939 which is able to receive transmissions 24 hours/day, 7 days/week.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer E. Shaver whose telephone number is (703) 308-1742. The examiner can normally be reached on Monday-Friday from 7:00 AM-4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Housel, can be reached on (703) 308-4027.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

*James C. Housel*  
JAMES C. HOUSEL 7/22/96  
SUPERVISORY PATENT EXAMINER  
GROUP 180

08270631-00000000

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467040-1802280



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18N1/0723

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PALO ALTO CA 94306

**NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE**

☐ Note attached communication from the Examiner

☐ This notice is issued in view of applicant's communication filed \_\_\_\_\_

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/270 631	07/01/94	020	SHAWER, J	1902 07/23/96
First Named Applicant: CENTAS, CHRISTOPHER H.				

TITLE OF  
INVENTION

NON-INVASIVE LOCALIZATION OF A LIGHT-EMITTING CONJUGATE IN A  
MAMMAL

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
1 86000146	474-009 100	039	UTILITY	YES	\$625.00	10/23/96

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY Status shown above.  
If the SMALL ENTITY is shown as YES, verify your  
current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the  
FEE DUE shown above and notify the patent and  
Trademark Office of the change in status, or
- B. If the Status is the same, pay the FEE DUE shown  
above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with,  
pay of 1/2 the FEE DUE shown above.

- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE.  
Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.  
If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.
- III. All communications regarding this application must give series code (or filing date), serial number and batch number.  
Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of  
maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance  
fees when due.**